

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

As one of the below named inventors, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**APPARATUS, METHOD AND SYSTEM FOR CORRELATED NOISE  
REDUCTION IN A TRELLIS CODED ENVIRONMENT**

described and claimed in the attached specification; that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration; that I do not know and do not believe that the same was ever known or used in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to this application; that the same was not in public use or on sale in the United States of America more than one year prior to this application; that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Section 1.56(a) of Title 37, Code of Federal Regulations; and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint attorney Nancy R. Gamburd (Reg. No. 38,147) and agent Curtis W. Dodd (Reg. No. 37,314) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

It is requested that all telephone calls should be made to Nancy R. Gamburd, Gamburd & Associates, Ltd., at:

Phone No.: 312-372-2920 ext. 125

Fax No.: 312-372-7762;

and that all written communications are to be addressed to:

Nancy R. Gamburd  
Gamburd & Associates, Ltd.  
10 South LaSalle St., Suite 3300  
Chicago, IL 60603-1002

**Fred Chu:**

Inventor's  
signature



Date 1/11/2001

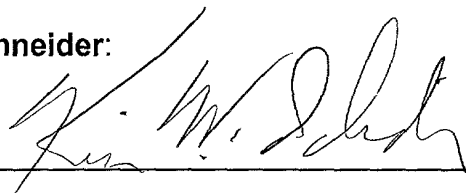
Residence: 155 Dartmouth Drive  
Madison, Alabama 35757

Citizenship: Taiwan

Post Office Address: 155 Dartmouth Drive  
Madison, Alabama 35757

**Kevin W. Schneider:**

Inventor's  
signature



Date 1/11/2001

Residence: 156 Arbery Drive  
Huntsville, Alabama 35806

Citizenship: United States of America

Post Office Address: 156 Arbery Drive  
Huntsville, Alabama 35806